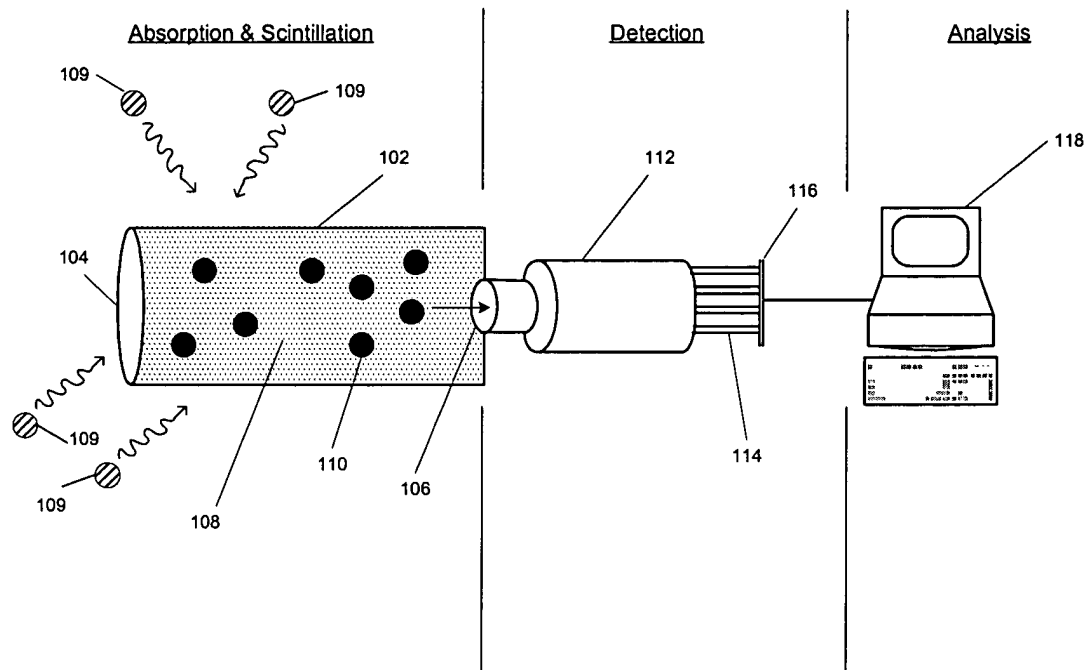


**FIGURE 1**



- 102 – Teflon Tube
- 104 – Mirrored End
- 106 – Windowed End
- 108 – Cocktail Mixture
- 109 – Neutrons
- 110 – Photons (after absorption & scintillation reactions)
- 112 – Photo-multiplier Tube
- 114 – Electrical Signals
- 116 - Photo-multiplier / Computer Interface
- 118 – Computer (processing device)